

# Tampa Hillsborough Expressway Authority

## Pre-Proposal Meeting 8/28/2018



# Agenda

- Introductions
  - TRC members & Technical Advisors
- Project Overview and Objectives
- Public Involvement
- Engineering Analysis
- Environmental Analysis
- Schedule
- Procurement
- Scoring
- Compensation
- Questions



# TRC Members and Technical Advisors

## TRC Members:

- Dave May, PE – THEA
- Bob Frey, AICP – THEA
- Christina Kopp, AICP – THEA

## Technical Advisors:

- Sue Chrzan – THEA
- Jim Drapp, PE – THEA GEC
- Al Stewart, PE – THEA GEC
- Laura Herrscher – THEA GEC
- Fred Ochoa – THEA GEC



# PD&E Studies for South Selmon Expressway

## Roles:

- Tampa Hillsborough Expressway Authority (THEA) – Owner/Developer/Operator
- HNTB – General Engineering Consultant for THEA

## Project Objective:

- Evaluate capacity improvements based on traffic needs, costs, impacts
- Additional lanes, barrier wall, inside paved shoulders, elevated lanes, additional lanes to inside and outside of existing lanes, dynamic toll pricing, other operational and safety concerns

## Coordination:

- THEA's South Selmon Safety Project DB

# PD&E Studies for South Selmon Expressway

## Public Involvement

- Public Involvement Plan (PIP) in accordance w/PD&E Manual
  - Advance notification and transmittal letter
- Public Meetings:
  - Minimum one public meeting
  - Minimum one public hearing
  - Additional stakeholder/small group meetings as needed
- Develop list of stakeholders
- Develop website
- Legal ads, notices, informational material, news releases, mail outs, court reporting, responses to stakeholders
- Meeting coordination; identify/reserve venue, set up, tear down, meeting notes, agendas, presentations, seating, sound, audio/visual equipment, displays



# PD&E Studies for South Selmon Expressway

## Engineering Analysis

- Field review
- Survey – LiDAR 3D Modal (curb to curb)
- Geotechnical data
- **Traffic:**
- Existing available data from THEA, FDOT or other agency
  - Current counts, truck counts, ramp and mainline counts at toll gantry
- Turning movement counts at ramp intersections
- Origin-destination data
- Traffic methodology statement in accordance with FDOT's Project Traffic Forecasting Procedure (#525-030-120)
- Travel demand forecasting
  - TBRPM base year 2015
  - VISSIM
  - Future years 2026, 2036, 2046 – two build alternatives for each year + no build scenario

# PD&E Studies for South Selmon Expressway

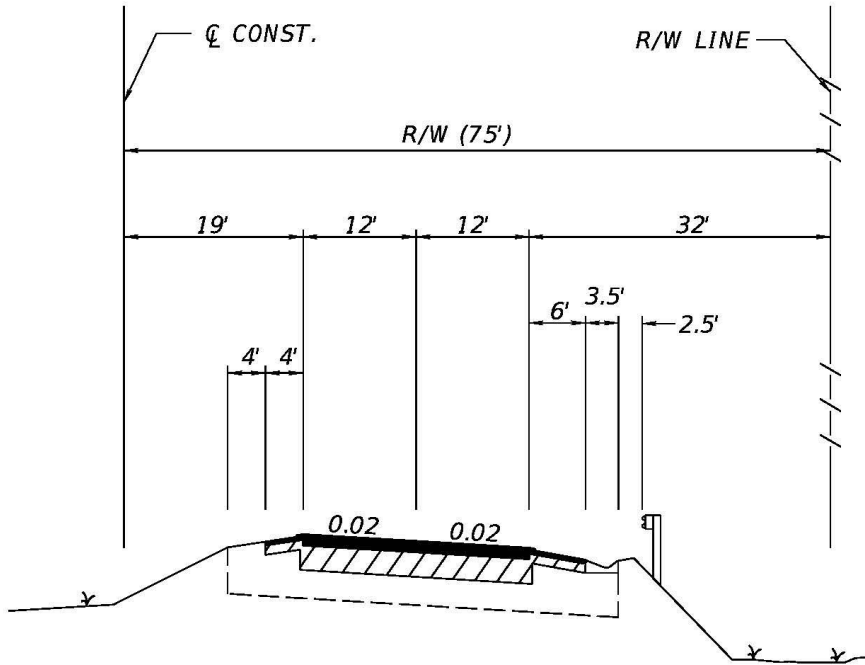
## Engineering Analysis

- Evaluate crash data
- Identify safety improvements
- Typical sections, design alternatives, access management
- Structures- Evaluation of Existing Structures
- Drainage
- Concept plans
- Prepare typical section package
- Multimodal accommodations
- MOT/Phased Construction/Constructability
- Comparative analysis and evaluation matrix
- Preferred alternative/BDR's
- ROW and construction estimates
- PER

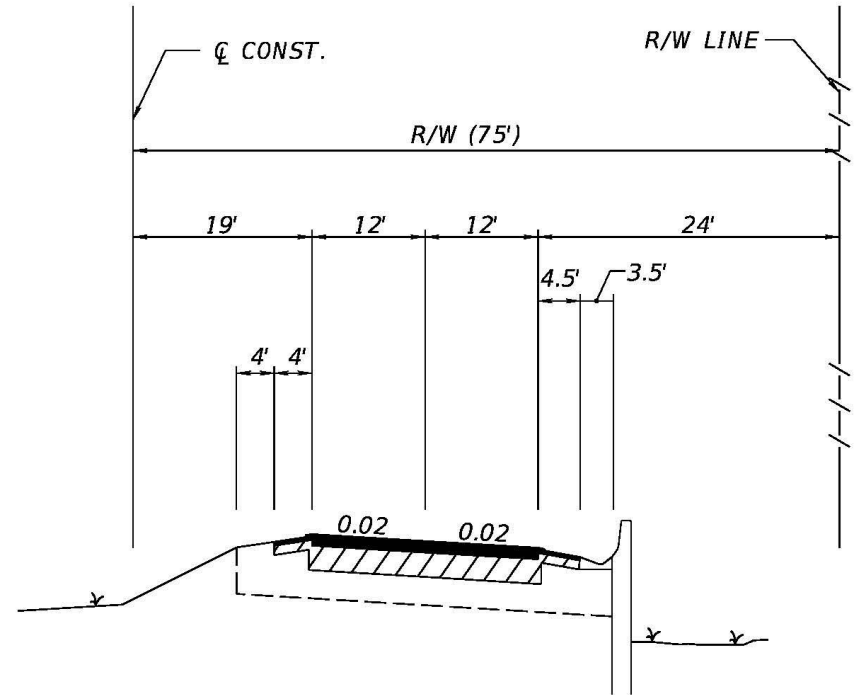
# PD&E Studies for South Selmon Expressway

## Typical Sections

Existing  
with Guardrail



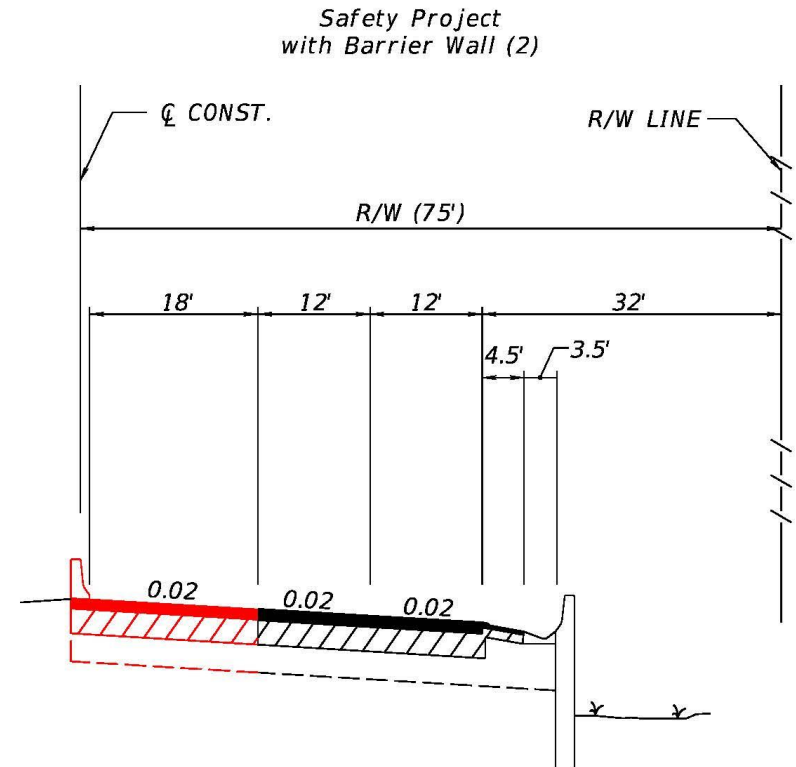
Existing  
with Barrier Wall





# PD&E Studies for South Selmon Expressway

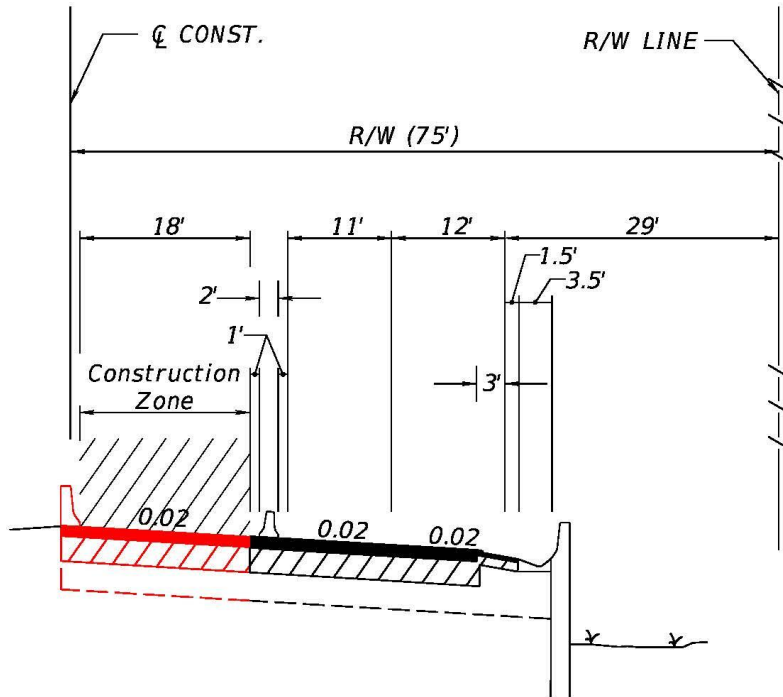
## Typical Sections



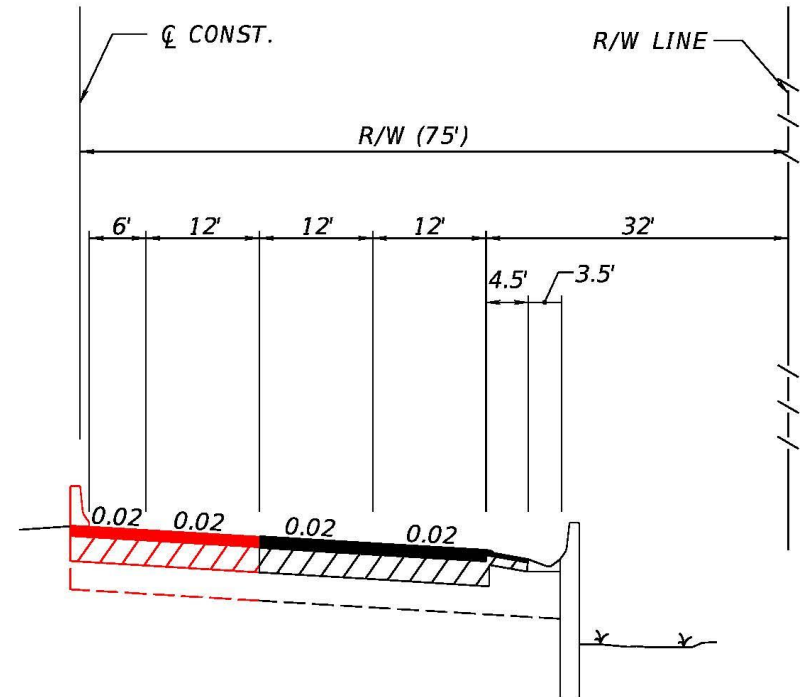
# PD&E Studies for South Selmon Expressway

## Typical Sections

Safety Project  
MOT



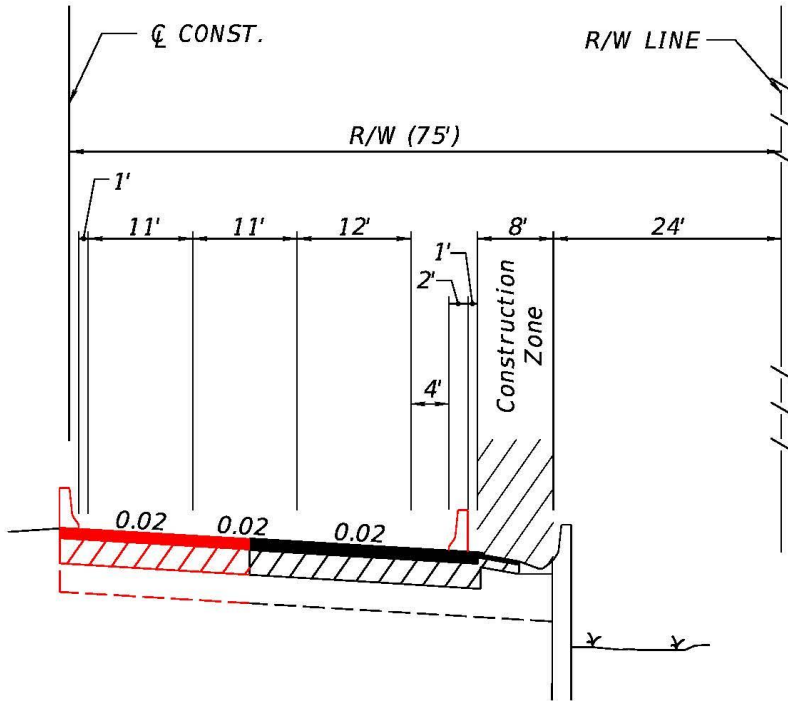
6' Lane



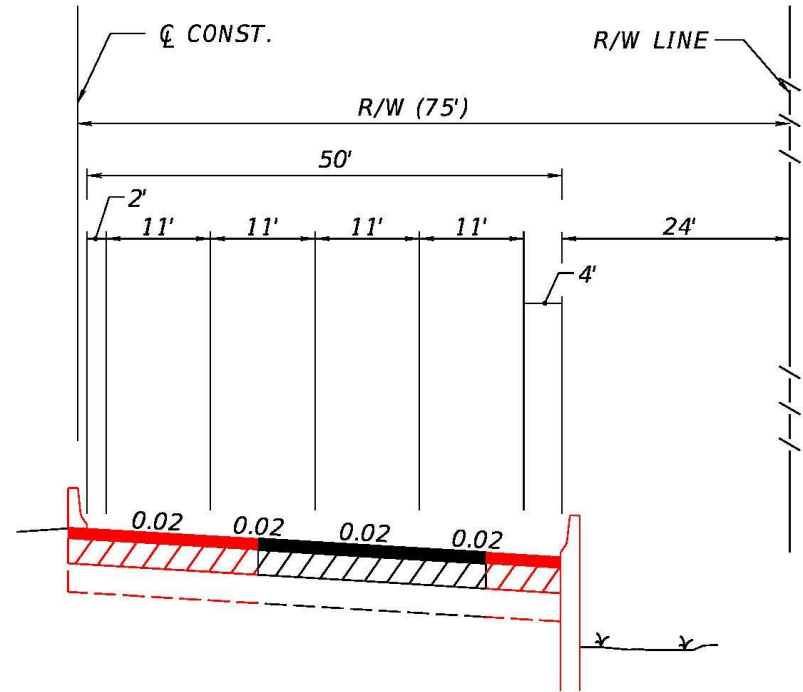
# PD&E Studies for South Selmon Expressway

## Typical Sections

6' Lane  
Replace Guardrail & Barrier Wall  
with New Barrier Wall



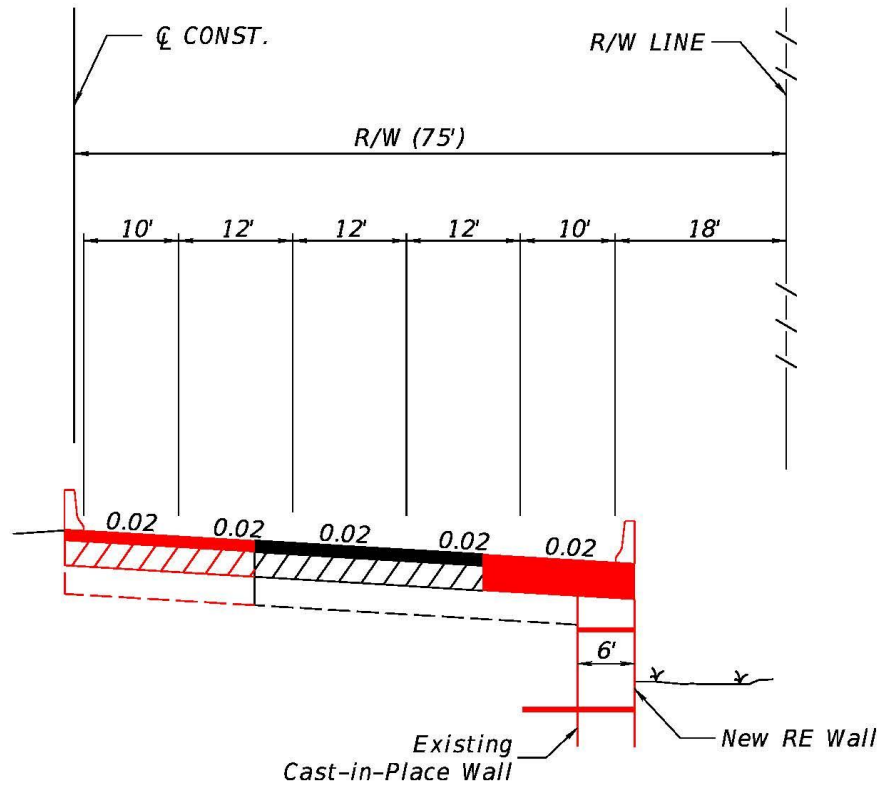
8' Lanes  
with Existing Shoulder



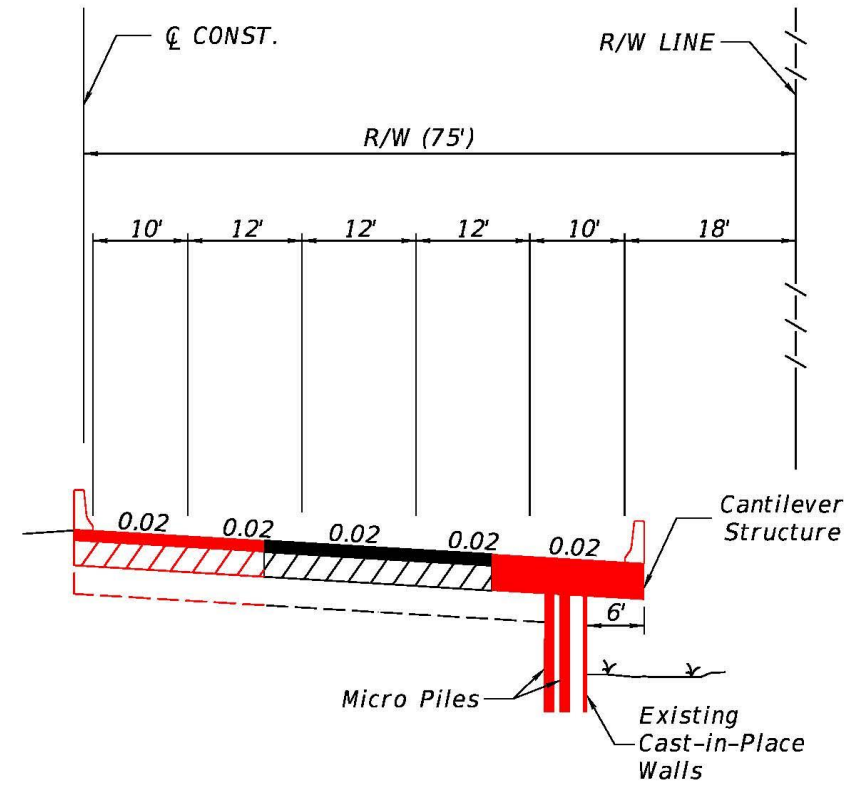
# PD&E Studies for South Selmon Expressway

## Typical Sections

6' Lane  
with Widened Shoulders  
(6' Widened RE Wall)



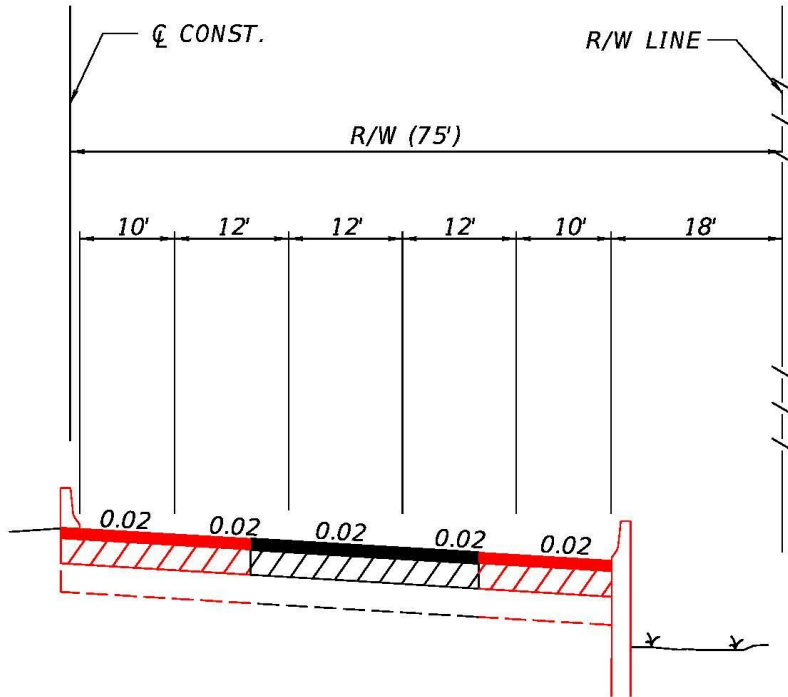
6' Lane  
with Widened Shoulders  
(6' Widened Cantilever)



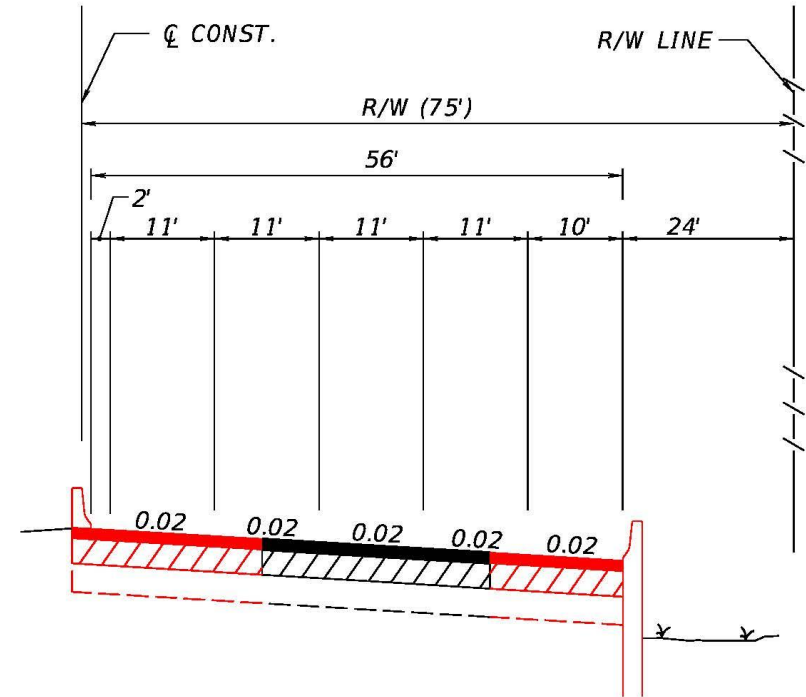
# PD&E Studies for South Selmon Expressway

## Typical Sections

6' Lane  
(6' Widened)



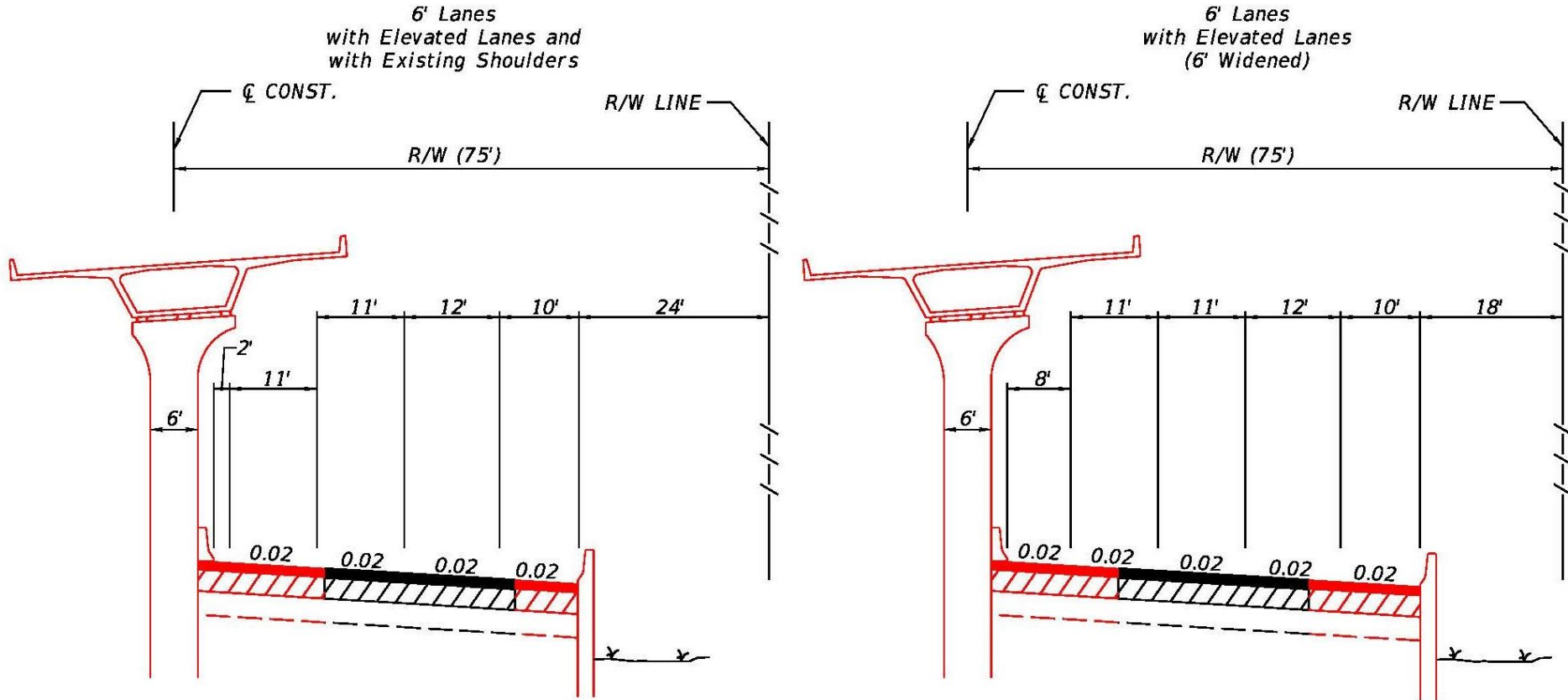
8' Lanes  
(6' Widened)





# PD&E Studies for South Selmon Expressway

## Typical Sections



# PD&E Studies for South Selmon Expressway

## Environmental Analysis

- ETDM tool
- Sociocultural Resources
- Planning consistency
- Cultural Resources
- Environmental screening tool
- Research design and survey methodology
- Cultural Resources Assessment Survey (CRAS)
- Natural Environment
- Noise
- Contamination
- Prepare PEIR

Procurement: August,  
2018 – January, 2019

PIER: February, 2019 –  
February, 2021

Public Meetings:  
December, 2020

## Schedule

# Procurement

## SCHEDULE OF EVENTS

DATE	DESCRIPTION	LOCATION
August 17, 2018	RFQ Advertisement Published	City of Tampa Vendor list COMTO website DemandStar System Florida Bids Network Florida Sentinel Newspaper La Gaceta Newspaper Hillsborough County Vendor list Tampa Bay Times Newspaper THEA Vendor list & websites
August 28, 2018 @ 9:00 a.m.	Non-Mandatory Pre-Bid Conference	THEA Transportation Management Center (TMC), 1st floor 1104 East Twiggs Street Tampa, FL 33602
September 07, 2018 @ 5:00 p.m.	Deadline for Respondent's submission of questions to THEA	<a href="mailto:Man.Le@tampa-xway.com">Man.Le@tampa-xway.com</a>
September 13, 2018	Deadline for THEA to respond to Respondent's questions	THEA Website & Demandstar
<b>September 20, 2018 @ 2:00 p.m.</b>	<b>Deadline for Letter of Interest</b>	<a href="mailto:Man.Le@tampa-xway.com">Man.Le@tampa-xway.com</a>
September 27, 2018 @ 2:00 p.m.	Evaluation of Letter of Interest for Shortlisting of Firms	TMC ~ 3 <sup>rd</sup> floor
September 28, 2018	Posting of Notice of Intended Shortlist	THEA Website & Demandstar
<b>October 25, 2018</b>	<b>Deadline for Response Package from Shortlisted firms</b>	TMC ~ 3 <sup>rd</sup> floor
<b>November 08, 2018</b>	<b>Presentation / Q&amp;A Sessions for Shortlisted firms</b>	TMC ~ 3 <sup>rd</sup> floor
November 09, 2018	Posting of Notice of Intended	THEA Website & Demandstar
November 26, 2018	Board Approval of Final Ranking and Award of Contract	TMC ~ 1 <sup>st</sup> floor
November 27, 2018	Posting of Notice of Board Approval of Final Ranking and Award of Contract	THEA Website & Demandstar

# Procurement

## Eligibility for future Design Build Projects

The PD&E firms will be required to provide a well organized and comprehensive package of all data gathered and all information developed performing the PD&E study for THEA including, but not limited to survey, traffic, geotechnical, utility and environmental data, all reports and calculations, all CADD files, meeting minutes, project memorandums, etc. in addition to the required PD&E Report and all associated documentation.

This package will be provided to all firms interested in pursuing future DB projects developed from the PD&E report.

If these requirements are satisfactorily met, the prime firm and all subconsultants performing the PD&E Study will be eligible to team members on the future project DB Teams or CEI teams.



# Procurement

<http://www.tampa-xway.com/procurement/#>

Once advertised, the cone of silence will be in place for all THEA, FDOT, HNTB, COT, Tierra and OMNI staff.

All questions should be emailed to Man Le, THEA Contracts & Procurement Manager:  
[man.le@tampa-xway.com](mailto:man.le@tampa-xway.com)

Answers will be posted on the THEA website

# Scoring

- Will be provide to shortlisted firms

## Compensation

THEA Budget Amount- \$1,750,000



**Questions?**